

On page 2, line 9, change "transmission" to --communication--.

On page 2, delete lines 11-16.

On page 2, before line 18, insert --The present invention provides a method for transmitting signals between a transmitter and a receiver, the method comprising calculating data as a function of a secret key using at least one cryptographic algorithm in a calculation phase, and calculating authentication tokens for the signals as a function of the data, in a communication phase, so as to authenticate both the signals and a transmission sequence of the signals.--

On page 2, line 22, change "already" to --previously-- and change "The desired object is achieved" to --A method according to the present invention--.

On page 2, line 23, change "by a method composed of" to --includes--.

On page 3, before line 19, insert --Brief Description of the Drawings--.

On page 3, line 20, change "drawing" to --drawings-- and change "which shows" to --in which--.

On page 3, line 22, between "Figure 1" and "a" insert --shows-- and change "the receiver," to --a receiver;--.

On page 3, line 24, between "Figure 2" and "a" insert --shows--.

On page 3, before line 26, insert --Detailed Description--.

On page 3, line 26, change "This method" to --A method according to the present invention--.

On page 4, line 1, change "Using the" to --Using a--.

On page 4, line 8, change "M" to --m--.

On page 5, line 27, change "With" to --For--.

On page 5, line 28, change "possible" to --sufficient-- and delete "with no".

On page 5, delete line 29.

On page 7, line 17, change "s[w]+t[i]" to --s[w]⊗t[i]--.

On page 9, line 1, change "Patent Claims" to --WHAT IS CLAIMED IS:--.

IN THE CLAIMS

Please cancel claims 1-10 and the new (revised) patent claims 1, 2, 5, 8 and 9, and add new claims 11-23 as follows: